

10/576985

IAP15 Rec'd PCT/PTO 21 APR 2006

Please type a plus sign (+) → +

PATENT AND TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE

1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : concurrently herewith Filing Date : concurrently herewith First Named Inventor: YAMAMOTO, Hiroshi Group Art Unit : Examiner Name : Attorney Docket No. : SCEP 22.522 (100809-00324)
----------	--	--

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ² Number ⁴	Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
/MC/		JP 2002-77377 A		JP	TOSHIBA CORP.	MARCH 15, 2002
/MC/		JP 2000-245956 A		JP	NAMCO LTD.	SEPT. 12, 2000
/MC/		JP 2002-186010 A		JP	MITSUBISHI ELECTRIC CORP.	JUNE 28, 2002
/MC/		JP 2003-31268 A		JP	MATSUSHITA ELECTRIC INDUSTRIAL	JAN 31, 2003
/MC/		JP 2003-209737		JP	FUJI PHOTO FILM CO LTD	JULY 25, 2003

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached

Examiner Signature	/Mark Connolly/	Date Considered	12/19/2007
-----------------------	-----------------	--------------------	------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1. ⁶If possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) → +

PATENT AND TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE

1449/PTO

**U.S. Department of Commerce
Patent and Trademark Office**

Application No. : 10/576,985

Filing Date : April 21, 2006

First Named Inventor: YAMAMOTO, Hiroshi

Group A1 Unit

Examiner Name

Attorney Docket No. : SCEP 22-522 (100809-00324)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document Office ² Number ⁴	Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

OTHER PRIOR ART - NON-PATENT EXCITING DOCUMENT			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached T
/MC/		Preliminary Examination Report dated July 20, 2006 with English translation for corresponding PCT Application No.: PCT/JP2004/015616	
/MC/		Written Opinion with English translation for corresponding PCT Application No.: PCT/JP2004/015616	

Examiner Signature	/Mark Connolly/	Date Considered	12/19/2007
--------------------	-----------------	-----------------	------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

S1.1 If possible, Applicant is to place a check mark here if English language Translation is attached.
Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.